

**Amendments to the Claims:**

**Listing of the Claims:**

1. (Currently Amended) Flexible tube head (~~40, 40'~~) formed of a plastic material, the head including an opening defined by an edge (~~41, 41'~~) and a shoulder (~~42, 42'~~) connecting the edge to a flexible skirt of a flexible tube for packaging a product, the tube head comprising an electronic component (~~20, 20'~~)—intended to exchange information about the tube and/or its contents with a read or read/write device outside of the tube without any electrical contact, the electronic component being set within the plastic material forming the shoulder of the tube head such that there is no adhesive material in contact with the packaged product.

2. (Canceled)

3. (Canceled)

4. (Previously presented) Tube head according to claim 1, in which the total thickness of the electronic component is less than 400 microns.

5. (Currently Amended) Tube head according to claim 1, in which the electronic component includes a support (~~21, 21'~~) having a periphery, the periphery of the support (~~21, 21'~~) enclosed by the plastic material forming the head.

6. (Currently Amended) Tube head according to claim ~~[[1]]~~5, in which the support (~~21, 21'~~) of the component comprises a material that is melt-compatible with the plastic material forming the head.

7. (Original) Tube head according to claim 6, in which the support of the component is made of polyethylene or polypropylene.

8. (Withdrawn) Tube head according to claim 6, in which the material that is melt-compatible with the plastic material of the head is an external layer that forms part of an inner wall of the shoulder of the tube.

Claims 9-14 (canceled)

15. (Previously presented) Flexible tube including a head and a flexible skirt, comprising the tube head of claim 1.

16. (Canceled)

17. (Previously presented) Tube head according to claim 1 in which the electronic component is an RFID-type electronic component.

18. (Canceled)

19. (Canceled)